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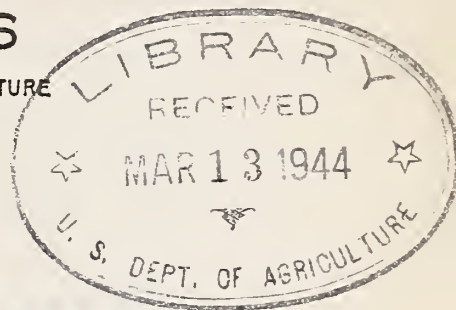
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COTTON LITERATURE

SELECTED REFERENCES

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COTTON LITERATURE is compiled mainly from material received in the Library of the U. S. Department of Agriculture.

Copies of the publications listed herein can not be supplied by the Department except in the case of publications expressly designated as issued by the U. S. Department of Agriculture. Books, pamphlets, and periodicals mentioned may ordinarily be obtained from their respective publishers or from the Secretary of the issuing organization. Many of them are available for consultation in public or other libraries.

PRODUCTIONGeneral

Gambia. Department of agriculture. Report...for the period ending 31st May, 1935. 16 pp., tables.

Bathurst, Gambia, Printed by the Govt. Printer, 1935.

Cotton, pp.8,13-14 (includes insects)

Georgia Agricultural experiment station. Forty-seventh annual report...for the year 1934-35. 50 pp., illus., tables, chart. Experiment. [1935]

Partial contents: Cotton grade and staple statistics, pp.6-7; One-variety community cotton work, pp.14-16; Amounts and kinds of fertilizers for cotton, p.16; Use of minor elements in cotton fertilizers, pp.16-17; Sources of phosphate for cotton, p.17; Sources of nitrogen for cotton, p.17; Use of limestone with acid forming nitrogen in cotton fertilizers, p.17; Cotton nutrition, p.23; boll weevil study, p.30.

Nyasaland protectorate. Annual report of the Department of agriculture 1934. 33 pp., tables. Zomba, Nyasaland, printed by the Govt. Printer, 1935.

Cotton production etc., pp.9-10; Empire cotton growing corporation, pp.13-15 (includes insects).

West Indies (British). Imperial department of agriculture. Report on the Agricultural department Montserrat 1934. 26 pp. [St. Augustine, Trinidad] 1935.

Cotton selection, seed multiplication, etc., pp.5-7; yields, pests, etc., pp.9-13.

Botany

Neelakantam, K., Ramachandra Rao, R.H., and Seshadri, T.R. Pigments of cotton flowers. I. Cambodia (Gossypium hirsutum). Indian Acad. Sci. Proc. 1(12, sect. A): 887-890. June 1935. (Published at Bangalore, Mysore, India)

References: p.890.

I. Cambodia (Gossypium hirsutum)

Agronomy

Anson, R.R. Summary of work on cotton-growing in the Fiji islands, 1926-1935. Empire Cotton Growing Rev. 12(4): 300-306. October 1935. (Published by P.S. King & Son, Ltd., 14, Great Smith St., London, S.W.1, England)

"The primary objective of the Cotton Experiment Station, which was opened at Sigatoka in September, 1926, was to find a substitute for Sea Island cotton, for which it was considered that there was likely to be a rapidly diminishing demand." The varieties studied are noted.

Barre, H.W. For better cotton. Federal and state co-ordinated research program gets under way. Textile World 85(12):2246. November 1935. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.)

"Abstract of a paper presented at the fall meeting of Committee D-13 by the head of the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, U.S. Dept. of Agriculture."

Report of regional variety studies conducted by U.S. Department of Agriculture in cooperation with Experiment stations and the Extension Service in states from California to North Carolina.

Crowther, E.M., and Crowther, Frank. Rainfall and cotton yields in the Sudan Gezira. Roy. Soc. [London] Proc., Ser. B, 118(809): 343-370, illus., tables, charts. Sept. 2, 1935. (Published by Harrison & Sons, Ltd., 44-47, St. Martin's Lane, London, England)

References: pp. 369-370.

"The analysis confirmed the generally recognized bad effects of high rainfall about the period of sowing cotton, but showed that this effect was not universal... Cotton yields were negatively correlated with the amount of early--May and June--rainfall. In some areas yields were negatively correlated with late rainfall and with the total rainfall in the preceding year. The differences between areas in their responses to weather could be partially interpreted in terms of their situations and agricultural histories."

Davidson, R.S. Shafter has a cotton day. Pacific Rural Press 130(13): 311. Sept. 28, 1935. (Published at 560 Howard St., San Francisco, Calif.)

"The purpose of these field days is to acquaint farmers and other [San Joaquin] valley people with the experiments, breeding plots and projects being conducted under the supervision of the Government." The meeting at the U.S. Experiment Station at Shafter, California, on September 20, 1935, is noted, and the cotton experiments are described.

Falcao, J.A. Notas sobre a cotonicultura Pernambucana. Algodao 2(12): 7-8. October 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

To be continued.

Notes on cotton culture in Pernambuco.

Ferrero, R.A. La conservación de la pureza genética de las variedades de algodón. *La Vida Agrícola* 11 (122): [49], 51, 53, 55, 57, 59-64, tables, charts. January 1934. (Published at Lima, Peru)

Preservation of the genetic purity of cotton varieties.

"An article treating the preservation of pure strains of selected cotton. Methods followed in Egypt are given as an example."- *Internatl. Inst. Agr. Bibliog. Trop. Agr.* 1934. 1935.

Funchess, M.J. Agricultural research for the Alabama farmer. *Ala. Agr. Expt. Sta. Spec. Circ.*, 20 pp., tables, Auburn. 1935.

Partial contents: The potential value of using limestone in mixed fertilizers for cotton to make a neutral mixture, p.9; Potential values of cotton variety experiments, p.13; Potential value of fertilizer formulae experiments for cotton at substations and experiment fields, p.7.

Extracts in *Agr. News Letter* 3(7): 17-19, tables. July 1935.

Hutchinson, J.B., and Panse, V.G. Studies in the technique of field experiments. I. Size, shape and arrangements of plots in cotton trials. *Indian Jour. Agr. Sci.* 5(4): 523-538. August 1935. (Published by Imperial Council of Agricultural Research, Delhi, India)

Kosobutskii, M.I. Principal weed pests of cotton and alfalfa and the means of exterminating them. 39pp., illus. Tashkent, 1935.

In Russian.

Kreibohm de la Vega, G.A. Semilleros de algodón fiscalizados. Difusión de semilla selecta - Zonas isohídricas del Chaco - Caracteres generales de las variedades - Reglamentación de los semilleros. *Almanaque del Ministerio de Agricultura de la Nación* 10: 358-365, illus., tables. 1935. (Published by Sección Publicaciones e Informes, Buenos Aires, Argentina)

Government controlled cotton seed plots. Distribution of selected seed.-Ishohyetal zones of El Chaco - General characters of the varieties - Regulation of seed plots.

Love, H.H. Improved varieties developed through the cooperative crop improvement project of the University of Nanking. *Nanking Univ., Dept. Agron. and Coop. Stations, Col. Agr. and Forestry Spec. Rept.* 2, 17 pp., illus., tables. Nanking. 1935.

Acclimatized varieties of cotton--Trice and Acala, by S.P. Peng, pp.13-14; "Million dollar"--an improved variety of native cotton, by Y.S. Chen, pp.15-17.

McIntosh, E.W. Natural gas aids in chemically treating cotton seed. Natural Gas 15(10): 20. October 1934. (Published by Natural Gas Publishing Co., 4 West Seventh St., Cincinnati, Ohio)

Method developed by Kemgas Cottonseed Company of Frederick, Oklahoma, for producing chemically treated and tested cottonseed of high germination quality is described.

Mogford, J.S. Egypt's cottonseed program. Farm and Ranch 54(22): 12,17. Nov.15,1935. (Published at 3306 Main St., Dallas, Tex.).

The Egyptian Government's program for control of seed for planting is described.

Mori, Hideo. Studies on the yields of cotton plants. Agr. Expt. Sta. Govt.-Gen. [Chosen] Ann.7(1): 70-94. June 1933. (Published at Suigen, Chosen, Japan)
In Japanese, with English summary, pp.93-94.
References: p.92.

National fertilizer association. Joint committee on fertilizer application. Proceedings of the tenth annual meeting...held at Washington, D.C., November 21, 1934... 118 pp., tables, chart, mimeogr. Washington, D.C., National Fertilizer Association, [1935?]

Partial contents: General summary of cooperative fertilizer placement experiments with cotton in seven states, 1934, by G.A. Cumings, pp.64-71; Report on acid and neutral fertilizer experiments with cotton in 1934, by J.J. Skinner, H.B. Mann, and E.T. Batten, pp.72-75; Discussion of South Carolina experiments on machine application of fertilizers to cotton, by J.J. Skinner and J.E. Adams, p.76; Report on fertilizer placement experiment with cotton, Clemson College, South Carolina, by H.P. Cooper, pp.77-78; Investigations on the mechanical application of fertilizers for cotton by H.B. Mann, pp.79-84; Fertilizer placement studies with cotton, State college, Mississippi, 1934, by C. Dorman, pp.85-90; Fertilizer placement studies in connection with seed bed preparation for cotton, by Roy Kuykendall, pp.91-92; Cooperative fertilizer placement test with cotton, by H.C. Lovett and H.T. Barr, p.93; Fertilizer placement studies on cotton in Texas for 1934, by H.P. Smith, p.94; Fertilizer application for cotton in the black-land prairie section of Texas, by H.V. Jordan, J.H. Hunter, and P.R. Dawson, pp.95-98.

- Nye, G.W. Notes on cotton breeding in Uganda. East African Agr. Jour. 1(1): 44-49. July 1935. (Published at Nairobi, Kenya)
- Peters, R.W. Cotton planting. Queensland Agr. Jour. 44(4): 436-441. Oct. 1, 1935. (Published by Queensland Department of Agriculture and Stock, Brisbane, Queensland, Australia)
- Los rendimientos por hectárea de algodón, son superiores en la Argentina, a los de los Estados Unidos. Nos depara este textil un porvenir grandioso para la economía nacional. Gaceta Algodonera 11(140): 7-8, charts. Sept. 30, 1935. (Published at Reconquista 331, Casilla Correo 550, Buenos Aires, Argentina)
- The yields per hectare of cotton are greater in Argentina than in the United States. This fiber offers us a splendid future for the national economy.
- Charts show comparative yields per hectare in the United States and Argentina for 1925, 1930, and 1934.
- Rounce, N.V. Cotton selection and rotation of supply of improved cotton seed. East African Agr. Jour. 1(1): 35-36. July 1935. (Published at Nairobi, Kenya)
- Improved methods for use in Tanganyika are described.
- Silveira, O. da. A secca e a produção algodoeira nordestina. Boletim do Ministerio de Agricultura, Industria, e Comercio 24(4/6): 69-71. April/June 1935. (Published at Rio de Janeiro, Brazil)
- The dry season and cotton production in the Northeast.
- Wishart, J., and Sanders, H.G. Principles and practice of field experimentation. 100 pp., tables, charts. London, Empire Cotton Growing Corporation, 1935.
- Statistical methods applied to agronomic research are discussed.

Diseases

- Brown, J.G., and Streets, R.B. Diseases of field crops in Arizona. Ariz. Agr. Expt. Sta. Bull. 148, 85-228 pp., illus. Tucson. 1934.
- Bibliographical footnotes.
- "A compact key to the diseases most prevalent in Arizona, including those affecting cotton, corn, and flax." - Empire Cotton Growing Rev. 12(4): 348. October 1935.

Ou, S.H. Chemical treatments for the control of the cyrtosis of cotton. *Sinensia* 5(5/6): 480-483, tables. December 1934. (Published by the National Research Institute of Biology, Academia Sinica, 68 Ching Hsien St., Nanking, China)

"The present work is a continuation of Professor S.C.Teng's studies of this disease...but with emphasis only on the control of the disease. In 1933, field experiments with Bordeaux Mixture spray and copper-lime dust were conducted on the ground of the Biological Laboratory, Science Society of China. Six 12' X 10' plots were laid out beside a cotton field. 'Chicken-foot' variety was used."

Steyaert, R.L. Quelques maladies observées sur les plantes économiques au Congo belge. *Journées d'Agronomie Coloniale* 1933: [473]-484, illus., charts. 1933. (Published by J.Duculot, Gembloux, Belgium)

In French. Flemish summary, p.184.

Some diseases observed on economic plants in the Belgian Congo.

Diseases of the cotton plant, pp.477-483.

Insects

A cultura algodoeira ameaçada pela "lagarta rosada." *Revista de Sociedade Rural Brasileira* 15(182): 38. October 1935. (Published at Rua Libero Badaro N.45, Sao Paulo, Brazil)

Cotton cultivation menaced by "lagarta rosada."

Fenton, F.A., and Hixson, Ephraim. Effect of the 1934 drought upon the boll weevil in Oklahoma. *Jour. Econ.Ent.* 28(5): 760-765. October 1935. (Published at Geneva, N.Y.)

Luis Pérez, Jorge. Tratamiento con sulfuro de las plantaciones de algodón atacadas por el pulgón. *Boletín de la Sección Agrícola* 3(5/6): 80-81. May/June 1935. (Published at Quito, Ecuador)

Treatment of cotton plantations, infested by the louse, with sulphur.

McDonald, R.E., and Loftin, U.C. Dispersal of the pink bollworm by light or wind carriage of the moths. *Jour.Econ.Ent.* 28(5): 745-755, illus. October 1935. (Published at Geneva, N.Y.)

Orestes Montêra, J. O coruquerê e a queda dos botões florais. *Algodão* 2(9): 13-14, tables. July 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

The cotton worm and the fall of flower buds [cotton]

Rainwater, C. F. Preliminary report on cotton root aphids in South Carolina. Jour. Econ. Ent. 28(5): 755-760. October 1935. (Published at Geneva, N.Y.)
Literature cited: pp. 171-172.

Farm Engineering

[Balls, W.L.] Drainage in the Gezira. Empire Cotton Growing Rev. 12(4): 297-299. October 1935. (Published by P.S. King & Son, Ltd., 14, Great Smith St., London, S.W.1, England)

A reply to an "open letter" by H. Greene and M.A. Bailey in the July issue.

Coelho de Souza, W.W. O emprego das machinas agricolas na cultura algodoeiro. A Lavoura 37: 236-241. November 1933. (Published by Sociedade Nacional de Agricultura, Rio de Janeiro, Brazil)

The use of agricultural machinery in cotton cultivation.

Noted in Internatl. Inst. Agr. Bibliog. Trop. Agr. 1934. 1935.

Farm Social Problems

Adams, C.F. The hierarchy of cotton. Commonwealth 22(21): 489-490. Sept. 20, 1935. (Published by the Calvert Publishing Corp. 306 Fourth Ave., New York, N.Y.)

The social and economic organization of cotton production in the South is described and the significance for that organization of the recent "perfection of the mechanical cotton picker" is indicated.

Taylor, P.S. An American-Mexican frontier, Nueces County, Texas. 337 pp., illus., tables. Chapel Hill, The University of North Carolina Press, 1934.
Bibliographical footnotes.

The author reviews historically to the present time, social, economic, political, and racial backgrounds and trends in Nueces County, Texas, with particular reference to the condition of laborers employed to pick cotton.

PREPARATION

Ginning

Adams, Orville. Farmers demanding better ginning. Cotton and Cotton Oil Press 36(44): [3], 13. Nov. 2, 1935. (Published by Ginner & Miller Publishing Co., 3116-3118 Commerce St., Dallas, Tex.)

"The emphasis placed on the grade and sample by the buyers and the Government studies of cotton classing and ginning is making the farmer 'sample conscious,' and placing upon ginners the necessity of modernizing and maintaining their equipment and improving the quality of their output, in preference to rate cutting to unprofitable levels, which allow nothing for repairs and replacement of worn-out equipment.

Ballinger, R.A. Snapped cotton boosts gin profits. Farmer-Stockman 48(21): 463, 481. Nov. 1, 1935. (Published at Oklahoma City, Okla.)

Bennett, C.A. Research work in cotton ginning. Agr. Engin. 16(10): 389-395, illus. October 1935. (Published by American Society of Agricultural Engineers, Benton Harbor, Mich.)

"Paper presented at a session of the Power and Machinery Division of the American Society of Agricultural Engineers during the 29th annual meeting of the Society at Athens, Georgia, June 1935."

The research problems under investigation and the procedures at the U.S. ginning laboratory at Stoneville, Miss. are discussed, and certain findings are summarized.

Bennett, C.A. Simplified pitot tube calculations of air flow in ducts and pipes. Cotton Ginners' Jour. 7(2): [3]-4, 10, tables, charts. November 1935. (Published at 109 North Second Ave., Dallas, Tex.)

"Air-volume calculations in the ducts or piping systems of fans and blowers" of gins are discussed.

Myers, F.C. Government in the ginning business. Oil Miller and Cotton Ginner 47(3): [3]-4. November 1935. (Published at 161 Spring St., N.E., Atlanta, Ga.)

The need for some control of the ginning business by government is discussed.

MARKETING

General

Aboud, Eduardo. Aspectos do problema algodoeiro do Maranhao. Algodao 2(12): 24-28, tables. October 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

Address before the Rotary Club of S. Luiz, at the meeting of August 6, 1935.

Aspects of the cotton problem of Maranhao.

Chettiyar, T. A. Marketing of agricultural produce in South India. Madras Jour. Co-op. 26(11): 517-522. May 1935. (Published by Madras Provincial Co-operative Union, Royapettah, Madras, India)

Marketing, handling and financing methods for cotton are included in the discussion.

Cotton in the spotlight. Amer. Bankers Assoc. Agr. Comm. Bull. 9(9): [1-4], tables, charts. November 1935. (Published by American Bankers Association, 522 First National Bank Bldg., Madison, Wis.)

American cotton production and textile problems in relation to Government policies are discussed.

Cox, A.B. Cotton's place in foreign trade. Cotton Digest 8(7): 4-6. Nov. 23, 1935. (Published at 702 Cotton Exchange Bldg., Houston, Tex.)

The place of Texas in world cotton production, consumption, and trade is discussed. The increased production of artificial fibers is mentioned.

Edmonds, J.E. "Permanent, long-range program" needed for cotton. Cotton Trade Jour. 15(44): 1, 4. Nov. 9, 1935. (Published at 810 Union St., New Orleans, La.)

Extracts from an address, entitled "The Cotton Situation--Its Present and Future Problems," given before the conference of the Southeastern Division, United States Chamber of Commerce, at New Orleans, November 4, 1935.

Fooshe, G.W. American cotton in 1934-35. Return to freer markets on the way? Manchester Guardian Com. (World Textiles): 5-7. Oct. 4, 1935. (Published at the Guardian Bldg., 3 Cross St., Manchester, 2, England)

Griffith-Williams, G.G. Cotton in Brazil. Algodao 2(12): 29-31. October 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

A brief history of cotton production and manufacture in Brazil, the geographical aspects of the country, the scope of the projected State Cotton Service of Pernambuco, and the problems and prospects for Brazilian cotton are included.

League of nations. Economic intelligence service. World economic survey. Fourth year, 1934-35. 310 pp., tables, charts. Geneva, League of Nations, 1935.

"The book is intended to afford an account of recent developments intelligible to the lay reader." Cotton and cotton goods are included in the survey.

Mogford, J.S. Italy's fiber interest. Farm and Ranch 54(20): 9,15. Oct.15,1935. (Published at 3306 Main St., Dallas, Tex.)

Report of information obtained by the Texas A. & M. College Cotton Study Tour on the textile industry, the development of Shiofiocco and other fibers, and the import quotas and high tariff system in Italy in relation to consumption of American cotton. The cotton production possibilities of Abyssinia are also mentioned.

Revere, C.T. The status of American cotton. Policies and their consequences. Manchester Guardian Com. (World Textiles): 8-9, illus., tables. Oct.4,1935. (Published at the Guardian Bldg., 3 Cross St., Manchester, 2, England)

South Carolina. Department of agriculture, commerce, and industries. Year book...1933-1934. 74pp., illus., tables. Columbia, S.C., Printed under the direction of the Joint Committee on Printing, General assembly of South Carolina, [1935?]

Partial contents; South Carolina annual crop review, 1933, pp.13-17 (includes cotton); South Carolina cotton ginnings, pp.18-19 (includes table showing cotton ginned by counties); Annual report of the Commissioner of agriculture, commerce and industries of the State of South Carolina, 1933-1934. Warehouse Division (includes directory of cotton warehouses by counties), pp.49-74.

United States Department of agriculture. Agricultural adjustment administration. Division of information. What countries shall supply the world with its cotton? U.S. Dept. Agr., Agr. Adjustment Admin., Div. Inf. G-49, 8pp., tables. Washington, D.C. 1935.

Suggested references: p.8.

World trends in cotton production, the effects of United States government policies, the world cotton situation and the outlook for American cotton are discussed.

[United States Department of agriculture. Bureau of agricultural economics] The cotton outlook for 1936. 16 pp., mimeogr. [Washington, D.C., 1935] Summary in Cotton Digest 8(5): 4-6. Oct.9, 1935; Cotton and Cotton Oil Press 36(45): 7,11. Nov.9,1935.

United States Department of commerce. Bureau of foreign and domestic commerce. World economic review, 1934. 350 pp., tables, charts. Washington, D.C., U.S. Govt. Print. Off., 1935.

Cotton is one of the commodities covered.

Demand and Competition

Bliss, E.H. The work of the Department of overseas trade. Textile Weekly 16(401): 523-524. Nov. 8, 1935. (Published at 49, Deansgate, Manchester, 3, England)

"In a lecture to the British Association of Managers of Textile Works, October 5, 1935."

The relation of the work of the Department of Overseas Trade to the British textile industry is brought out.

The Amoskeag can resume says committee if labor and management co-operate. Fibre and Fabric 88(2650): 6-8. Nov. 16, 1935. (Published by Wade Publishing Co., 465 Main St., Kendall Square, Cambridge, Mass.)

Extracts from report of the "Governor's Textile Investigating Committee for the state of New Hampshire."

Complete text of report in the Union [Manchester, N.H.] 73(193): 8-9, tables. Nov. 13, 1935.

Extracts in Amer. Wool & Cotton Repr. 49(46): 17, 21, 24-25, 28-29, 32-33, 41. Nov. 14, 1935.

Bad economic teachings. Amer. Wool & Cotton Repr. 49(46): [1], 37-38, 42. Nov. 14, 1935. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.)

The causes of the closing of certain New England textile mills are discussed, and the conclusion is that high wage costs and high taxes are the real causes.

Biehl, M. Kinderkrankheiten der Baumwollwirtschaft. Wirtschaftsdienst 20(44): 1504-1505. Nov. 1, 1935. (Published at Poststrasse 19, Hamburg, 36, Germany)
Children's diseases of the cotton industry.

Blanco Santamaría, Gregorio, and Perez, E.C. La industria textil catalana. Notas acerca del desenvolvimiento del trabajo en este sector industrial. Sociedade para el Progreso Social Publicación 34, 60pp., illus., tables, chart. Madrid. 1933.

The Catalanian textile industry. Notes concerning the development of the work in this industrial sector.

De la Beaumelle, Angliviel. L'industrie cotonnière française et le marché colonial. Association Cotonnière Coloniale Bulletin Trimestriel (new ser.) 33(20): 108-110. October 1935. (Published at 55, Rue de Châteaudun, Paris (IX^e), France)

The French cotton industry and the colonial market.

Gauss, Walter. Staple fibre versus cotton. Cotton Trade Jour. 15(46): 2. Nov. 23, 1935. (Published at 810 Union St., New Orleans, La.)

The situation in Germany is considered.

Gossett, B.B. Some problems of the cotton textile industry. Textile Bull. 49(11): [3]-5, 34. Nov. 14, 1935. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.)

"Address before Annual Meeting Piedmont Section, American Association of Textile Chemists, Charlotte, N.C., Nov. 9th."

International congress for scientific management.

Modern methods in management. Textile Manfr. 61 (728): 319-322, 331, 332, 333, illus., charts. August 1935. (Published by Emmott & Co. Ltd., 31 King St. West, Manchester, 3, England)

To be concluded.

"The International Congress for Scientific Management, July 15-20, dealt with various aspects of production control and management, distribution, development and training. An abstract is given of some of the general and of the textile papers." The latter included: Graphic textile management, by E. Hijmans and H. Oppenheimer; a paper on "the difficulties in comparing productions in textile works," by B. Hellman; and one on "methods of sale and distribution... employed by manufacturers in the marketing of their products," by A. H. Kilner of Courtaulds Ltd.

Lamport, S.C. The cotton tolerance export plan. Textile Bull. 49(8): [3], 26. Oct. 24, 1935. (Published at 118 West Fourth St., Charlotte, N.C.)

"Address at Cotton Tolerance Dinner Meeting, October 16th."

The speaker proposes that the "Administration allot... [to the textile industry] 15 million dollars under Section 32 of the AAA Amendments for the revival of textile exports."

Extracts in Amer. Wool & Cotton Repr. 49(44): 16. Oct. 31, 1935.

McLeod, R.P. King cotton. Mid-So. Cotton News 13(4): 3. November 1935. (Published at 822 Falls Bldg., Memphis, Tenn.)

Uses of cotton in comparison with other fibers are described.

Moore, Frederick. The proposed export tolerance plan. No time to compromise industry's relation to AAA. Textile Bull. 49(8): 4. Oct. 24, 1935. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.)

"In this article Mr. Moore takes issue with those who believe that the textile industry should enjoy an 'export tolerance' to be paid through AAA. He thinks the industry's position toward AAA processing taxes is being jeopardized by seeking funds through the same agency."

Murchison, new head of Cotton-textile institute. Textile World 85(12): 2231. November 1935. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.)

[National association of cotton manufacturers] Northern manufacturers meet. Fibre and Fabric 88 (2647): 6-10. Oct. 26, 1935. (Published by Wade Publishing Co., 465 Main St., Kendall Square, Cambridge, Mass.)

Report of the annual meeting of the National Association of Cotton Manufacturers held in Boston, the week of October 14. Resolutions "calling for negotiations with Japan to limit importations," and "to urge the Secretary of Agriculture to make specific allotments to promote exports of cotton products" are quoted.

Also in Amer. Wool & Cotton Repr. 49(43): [13]-14, 23, 25. Oct. 24, 1935; Textile World 85(12): 2234-2235. November 1935.

Roos, Kurt. Der ersatz von baumwoll-linters durch holzzellstoff in der acetat-kunstseiden-industrie. Kunstseide 16(10): 346-352, table. October 1934. (Published by H. Jentgen, Verlagsgesellschaft m.b.H., Drakestrasse 45, Berlin-Lichterfelde-W., Germany)

The substitution of wood pulp for cotton-linters in the acetate artificail silk industry.

Shimbun Rengo Sha. Japan trade guide; with a comprehensive mercantile directory, 1935. 668 pp., illus., tables. Tokyo, Japan, Shimbun Rengo Sha, 1935. Cotton, pp. 210-239.

Soviet cotton goods in foreign markets. Russian. Econ. Notes (299): 7-9, table. June 30, 1935. (Published by Bureau of Foreign and Domestic Commerce, Washington, D.C.)

Table shows exports of Soviet cotton goods, in carloads, 1931 to 1934.

Textile industry reviving. Best production levels of decade with statistical position strong. Profits, however, handicapped by low margins over costs. Rayon the phenomenal performer. Barron's 15(46): 15, 18. Nov. 18, 1935. (Published at 44 Broad St., New York, N.Y.)

Accompanied by three tables which show equipment,

operation and market data for cotton textiles, annually 1925-1934; wool machinery activity in the United States, annually 1923-1934; and rayon production, annually, 1920-1935; and a chart showing average prices of textile raw products.

Tabloid analyses of various textile companies are given on pp.18 and 20.

Trends in textile distribution. Future of the wholesaler. Manchester Guardian Com. (World Textiles): 12-13. Oct.4,1935. (Published at the Guardian Bldg., 3 Cross St., Manchester, 2, England)

The author briefly discusses the organization of sales distribution by the retailer, department store, chain store, cooperative society, fixed-price store specialist chain, and the movement toward "vertical integration". Developments in England, Germany, France, the United States and Canada are included in the discussion.

United States Department of commerce. Bureau of foreign and domestic commerce. Division of regional information. Latin American section. Industrial trends in Ecuador. U.S.Dept.Com., Bur. Foreign and Dom.Com., Div.Regional Info., Latin Amer.Sect. Spec.Circ. 343, 21 pp., tables, mimeogr. [Washington, D.C.] 1935.

"Principal sources": p.21.

"Based on reports of Assistant Commercial Attache A. Cyril Crilley, and Vice Consul Taylor W. Gannett."

Textiles, p.6.

United States Department of commerce. Bureau of foreign and domestic commerce. Division of regional information. Latin American section. Manufacturing in Chile. U.S.Dept.Com., Bur.Foreign and Dom.Com., Div.Regional Info., Latin Amer. Sect. Spec.Circ.339, 26 pp., tables, mimeogr. [Washington, D.C.] 1935.

"Principal sources": pp.25-26.

Textile industry, pp.7-9.

Williams, Hubert, ed. Man and the machine. Preface by J.B.Priestley. 207 pp. London, G.Routledge & sons, ltd., 1935.

The cotton operative, by Jim Ward: pp.99-111.

Conditions in Lancashire are described.

Wingate, I.B. Textile fabrics and their selection. 511 pp., illus. New York, Prentice-Hall, inc., 1935.

Bibliography, pp.489-497.

Importance of cotton to the consumer, pp.54-75.

"In this book there is no attempt to train a student for textile manufacturing; rather there is an attempt to emphasize the selling points of textile fabrics which will make a retail salesman more intelligent, and to outline pertinent facts regarding textile merchandise which will guide the customer in making the best selection for his or her needs."- Preface.

Supply and Movement

[Castells, D.J.] Chaco governor presents graphic picture of the Argentine cotton production possibilities. Cotton Trade Jour. 15(44): 1, 3, illus. Nov. 9, 1935. (Published at 810 Union St., New Orleans, La.)

Cotton acreage and production. Fert. Rev. 10(5): 5. September/October 1935. (Published by National Fertilizer Association, Washington, D.C.)

Cotton cultivation in the Ukraine. Internatl. Cotton Bull. 14(53): 24. October 1935. (Published at 26 Cross St., Manchester, 2, England)

"Although cotton was first sown in the Ukraine only five years ago no other branch of agriculture in that Republic has achieved such amazing success as cotton growing. Beginning five years ago with an experimental sowing of an area of 15 hectares, the Ukrainian collective farms are this year preparing to gather a rich cotton harvest from an area of 156,000 hectares."

Cotton prospects in North China. Internatl. Cotton Bull. 14(53): 26-30, tables. October 1935. (Published at 26 Cross St., Manchester, 2, England)

Tables show cotton acreage and production by provinces for 1930 to 1934, and Japanese consumption of Chinese cotton 1930 to 1934.

Los cultivos de algodón en el Paraguay. Activa propaganda del Banco Agrícola del Paraguay. Gaceta Algodonera 11(140): 22. Sept. 30, 1935. (Published at Reconquista 331, Casilla Correo 550, Buenos Aires, Argentina)

Cotton cultivation in Paraguay. Active propaganda of the Agricultural Bank of Paraguay.

Increased cotton sowings are being encouraged.

El ferrocarril de Santa Fe hace propaganda para impulsar la siembra del algodón. Ha enviado una circular a todos los jefes de estaciones senalando las ventajas de este cultivo. Gaceta Algodonera 11(140): 16. Sept. 30, 1935. (Published at Reconquista 331, Casilla

Correo 550, Buenos Aires, Argentina).

The Santa Fe railroad is making propaganda to promote the sowing of cotton. It has sent out a circular to all the station masters pointing out the advantages of this cultivation.

Lindsay, Sir Harry. The Imperial institute. Empire Cotton Growing Rev.12(4): [269]-277. October 1935. (Published by P.S. King & Son, Ltd., 14, Great Smith St., London, S.W.1, England)

II.-Work of the Imperial institute in relation to cotton cultivation in the Empire, pp.274-277.

Norris, P.K. Prospects for increased foreign cotton production. U.S. Dept. Agr., Bur. Agr. Econ., 13 pp., mimeogr. [Washington, D.C.] 1935.

Address before the Farmers' and Farm Women's Short Course, Louisiana State University, Baton Rouge, La., August 13, 1935.

Ollea, D.E. Cultivar algodón en gran escala en el país, es producir una valiosa fuente de riqueza exportable. Gaceta Algodonera 11(136): 1,3-4. May 1935. (Published at Reconquista 331, Casilla Correo 550, Buenos Aires, Argentina)

To cultivate cotton on a large scale in the country is to produce a valuable fount of exportable wealth.

The author argues that the cultivation of cotton on a large scale is of great importance for the future development of Argentina from the standpoint of colonization, industry, and international trade.

Parker, Walter. The value of cotton exports. Cotton Digest 8(7): 6-7. Nov. 23, 1935. (Published at 702 Cotton Exchange Bldg., Houston, Tex.)

The relation between cotton exports and American foreign trade policy is discussed.

Peres, O.G. E' preciso querer ganhar menos. Algodao 2(12): 18-19. October 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

It is necessary to desire to gain less.

The author discusses the tendency to over-estimate cotton production in Brazil and mentions reasons why he considers the estimates should be held down.

Wells, O.V. The regional adjustment project, a summary and some suggestions for further work. [14] pp., tables, mimeogr. [Washington, D.C., 1935]

Short-time and long-time recommendations for cotton acreage and production are included.

Zischka, Anton. Der Kampf um die Weltmacht Baumwolle. 237 pp., illus., tables. Leipzig, Bern [etc.] W. Goldmann Verlag [1935]

The struggle for the world cotton supply.

Bibliography: pp. [236]-237. "Quellenangabe": p. [238]

"In the clear telling phrases of the trained observer and journalist the author unrolls for us the story of cotton as a vital influence in the history of man and of nations. He traces its development over a period of ten thousand years, discusses the inventions of Arkwright, Carter, and Whitney, and describes the struggle of industrial nations to obtain adequate supplies of raw cotton. He tells of the transplanting of millions of black slaves to work on the cotton plantations of America, of the conquest of the Sudan, of Soviet Russia's expenditure of money and human life to cultivate cotton in her Asiatic provinces while the Government of the United States has spent millions of dollars to destroy cotton, of the struggle for world markets, of Japan's growing power in the textile world, and of the part played by cotton in the Ethiopian situation. The struggle for "white gold" has led to conflicts between continents. It has shaken the whole world since the rivalry of the textile centres of Japan and England began.

"The book has been written to emphasize the folly of the struggle for monopoly, not only of cotton, but of oil, iron, grain, rubber, or any important raw materials. It is a struggle that inevitably destroys those who participate in it. It is only by rational planning and thorough technical and scientific progress that enduring benefits can be secured." - A. M. Hannay.

Prices

The deflation of commodity prices. The creation of artificial scarcity. Manchester Guardian Com. 31 (799): 288. Oct. 11, 1935. (Published at the Guardian Bldg., 3 Cross St., Manchester, England)

Recommendations of the Research Committee, Federation of Master Cotton Spinners' Association, Ltd., Manchester, for recovery in the wholesale price level of primary commodities are included.

How to calculate cotton benefit payments. Acco Press 13(11): 7. November 1935. (Published by Anderson, Clayton & Co., Houston, Tex.)

International conference of agricultural economists.

Proceedings of the third... held at Bad Eilsen, Germany, 26 August to 2 September 1934. 498 pp., illus., tables, charts. London, Oxford University Press, Humphrey Milford. 1935.

Stabilization of the general price-level by international valorization of wheat, sugar, cotton, coffee, and rubber, by M. D. Dijt, pp. 323-339.

Slater, W. H. Forecasting raw cotton prices. IX. The position of Egyptian cotton. Textile Weekly 16 (399): 451. Oct. 25, 1935. (Published at 49, Deansgate, Manchester, 3, England)

The position of Egyptian cotton which has arisen as a result of the Italo-Abyssinian War is discussed.

Subsidy payments can be determined. Okla. Cotton Grower 16(3): 1, table. Nov. 15, 1935. (Published at 10 West Sixth St., Oklahoma City, Okla.)

Table shows amount of adjustment payment per pound of cotton at the daily average spot prices from August 1, to November 9, 1935. The method of computing subsidy benefit payments is explained.

Marketing and Handling Methods and Practices

Futures pool terms announced. Cotton Digest 8(5): 12-13. Nov. 9, 1935. (Published at 702 Cotton Exchange Bldg., Houston, Tex.)

"Terms under which all futures transactions of the producers' pool, conducted by Oscar Johnston, pool manager, will be handled through Paine, Webber & Company, and distributed among all members of the New York Cotton Exchange Clearing Association desiring to participate and qualifying therefor have been announced in a signed statement by the committee making the arrangements." The text of the statement is given.

[Moore, P. E.] Brokerage firm opposes futures plan. Cotton Digest 8(5): 13. Nov. 9, 1935. (Published at 702 Cotton Exchange Bldg., Houston, Tex.)

The author, in the month-end letter of Robert Moore & Company, opposes the terms of the Government's futures pool plan.

Also in Cotton Trade Jour. 15(44): 1. Nov. 9, 1935.

Services and Facilities

Discuss equipment of cotton carrying boats. Steamship committee of New York produce exchange takes matter up with international conference. Weekly Underwriter 133(6): 237-238. Aug. 10, 1935. (Published at 80 Maiden Lane, New York, N.Y.)

"Fire fighting equipment on vessels carrying cotton from United States ports" is discussed.

Escola pratica de classificacao de algodao da Bolsa de mercadorias de Sao Paulo. Algodao 2(12): 21-22, illus. October 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

Practical school for cotton classification of the Merchants Exchange of Sao Paulo.

Fairley, A.B. Store your cotton. Carolina Co-op. 13(11): 18. November 1935. (Published at Fayetteville and Cabarrus Sts., Raleigh, N.C.)

The benefits "to be derived from storing cotton in State licensed warehouses" are listed.

International chamber of commerce. List of commodity exchanges in different countries. World Trade 7 (9): 6-11. October-November 1935. (Published by International Chamber of Commerce, 38, Cours Albert Premier, Paris, France)

List of commodity exchanges, including futures exchanges, in the United States and 36 foreign countries.

Stewart, J.N. Government should extend 12-cent loan, liquidate its spots and futures. Cotton Trade Jour. 15(46): 1, 2. Nov. 23, 1935. (Published at 810 Union St., New Orleans, La.)

The author recommends a plan for liquidating government holdings of cotton.

Cooperation in Marketing

Andres, Stanley. Cotton trade and Senator McKellar conducting biased attack on co-ops. Tex. Co-op. News 15(11): 1, 2. November 1935. (Published at 1100 South Ervay St., Dallas, Tex.)

Report of Senate investigation of cotton cooperative associations, Memphis, Tenn., October 28-31, 1935.

The Memphis hearing. Cotton Digest 8(5): 8-9. Nov. 9, 1935. (Published at 702 Cotton Exchange Bldg., Houston, Tex.)

Report of the hearing to investigate the cotton cooperative system, conducted at Memphis, Tennessee, "by a sub-committee of the Senate Appropriations Committee, headed by Senator K.D. McKellar," the week of October 28.

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Verbal pyrotechnics in McCellar probe of co-ops.

Cotton Trade Jour. 15(43): 1, 2. Nov. 2, 1935. (Published at 810 Union St., New Orleans, La.)

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UTILIZATION

General

[American society for testing materials. Committee D-13] Three days of D-13. Textile World 85(12): 2244-2246, illus. November 1935. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.)

Report of meeting of Committee D-13 of American Society for Testing Materials, New York, October 16, 17 and 18, 1935.

Society of dyers and colourists. The Jubilee issue of the Journal of the Society of dyers and colourists, 1884-1934. 227 pp., illus., tables, charts. Bradford, Yorkshire, Published by the Society, [1934?]

Edited by F.M. Rowe, and E. Clayton.

Partial contents: The constitution of cellulose by W.N. Haworth, pp. 16-23; Reactions for the detection of damage or irregularities in textile fibres, by P. Krais, pp. 46-48; A review of cotton bleaching, by W. Kershaw, and F.L. Barrett, pp. 90-98; Some outstanding events and methods in the commercial application of dyes on cotton and allied fibres, by Adolf Singer, pp. 99-105.

Fiber, Yarn and Fabric Quality

[Ahmed, Nazir] Spinning tests on Indian and African cotton. Internatl. Cotton Bull. 14(53): 76, 78. October 1935. (Published at 26 Cross St., Manchester, 2, England)

Extract from report of the Technological Laboratory of the Indian Central Cotton Committee, Bombay, giving a summary of test results with Tiruppur Cambodia, African Busoga, and African Kampala cottons.

Atkinson, David. Cotton yarn testing as an indication of weaving qualities. Textile Weekly 16(402): 555, 561, tables. Nov. 15, 1935. (Published at 49, Deansgate, Manchester, 3, England)

"In a lecture to the Preston and District Textile Managers' Association, November 1, 1935."

Berzaghi, M.N. Sobre a estrutura espiralada da parede da fibra do algodao. Algodao 2(9): 17. July 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)

Concerning the spiral structure of the walls of the cotton fiber.

Brown, C.H. Staple characters of Egyptian varieties. Internatl. Cotton Bull. 14(53): 54, 56-57, table. October 1935. (Published at 26 Cross St., Manchester, 2, England)

Table shows halo length in millimeters, count of one hair, hair weight per centimeter in micrograms, and colour for ten Egyptian cotton varieties.

Farr, W.K. Formation and structure of cellulose membranes. Paper Trade Jour. 101(13): 87-90, illus. Sept. 26, 1935. (Published at 15 West 47th St., New York, N.Y.)

Literature cited: p. 90.

"Presented at the fall meeting of the Technical Association of the Pulp and Paper Industry, Ambassador Hotel, Atlantic City, N.J., Sept. 18-21, 1935."

[Fuller, George] Rayons found stronger than cotton on weight basis. Textile Bull. 49(10): 16, 22-23, table. Nov. 7, 1935. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.)

Fabrics of ordinary viscose process rayon are compared with cotton and other cloths as to tensile strength, and wearing or rubbing qualities.

Kapadia, D.F. Single-thread strength testing of yarns in various lengths of test specimen. Textile Inst. Jour. 26(8): T242-T260, illus., tables, charts. August 1935. (Published at 16 St. Mary's Parsonage, Manchester, 3, England)

References: p. T260.

"The present paper examines the question as to whether the employment of the usual laboratory technique for arriving at the spinning-value of cotton, without the labour of making strength tests on a series of specimens varying in length, would lead to seriously erroneous results."

Lonsdale, T. Testing yarn by projection. Textile Manfr. 61(728): 314, illus. August 1935. (Published by Emmott & Co. Ltd., 31 King St. West, Manchester, 3, England)

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Roehrich, Olivier. Les possibilités de filature d'un coton et les caractères technologiques de sa fibre. Revue Textile 32(10): 711, 713, 715, 717, 719, 721, illus., table, charts. October 1934. (Published at 61,

Avenue Jean-Jaurès, Paris (XIX^e), France)

Bibliographical references: p.721.

The spinning possibilities of cotton and the technological characters of this fiber.

"According to a new method the rigidity of fibers can be measured by the time it takes a twisted bundle of fibers of 10 mm. length to untwist. Various types of cotton have been tested by this method, and the results are given together with the results of spinning tests and determinations of length and fineness. It is shown that a fairly accurate estimation of the highest possible counts in spinning can be made from the fiber length and diameter, and an empirical formula is given."-Rayon and Melland Textile Mo.16(5): 74. 1935.

Rowland, B.W. Colloidal aspects of cellulose. 101 (13): 98-100. Sept.26,1935. (Published at 15 West 47th St., New York, N.Y.)

Literature cited: p.100.

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"A survey of recent work on selected topics concerning the colloidal behavior of cellulose as related to technical problems of paper making."

[S.,R.] Mikroskopische untersuchungen von gespinnstfasern. Spinner und Weber 53(46): [1]-4,illus. Nov.15,1935. (Published at Gellertstrasse 7/9, Leipzig, Germany)

Microscopic examination of textile fibers.

Smith, H. De W. Research in the United States. Changing theories of cellulose fibre structure. Manchester Guardian Com. (World Textiles): 21. Oct.4, 1935. (Published at the Guardian Bldg., 3, Cross St., Manchester, 2, England)

The work of Dr.Wanda K.Farr, the Textile Foundation Fellows, the United States Institute for Textile Research, the Cotton Textile Institute, Dr. Wayne B.Sisson, and others is reviewed briefly.

[Southern textile association. Eastern Carolina division] Textile tests and how to make them. Textile Bull.49(10): [4]-7,10,23-25. Nov.7,1935. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.)

Report of meeting of the "Eastern Carolina Division, Southern Textile Association..."West Durham, N.C., on November 12nd," at which "test methods in the cotton mills was the subject discussed."

Also reported in Amer. Wool & Cotton Repr. 49(46):
[7]-8, 16, 18-19. Nov. 14, 1935.

Whittaker, C.M. The effect of certain vat dyes on cellulose when exposed to light and atmospheric influences. Soc. Dyers & Colourists Jour. 51(4): [117]-123, tables. April 1935. (Published at Ocean Chambers, 32/34 Piccadilly, Bradford, Yorkshire, England)

Effects on raw cotton and on viscose rayon are described.

Yoder, B.M., and Willard, M.L. Shrinkage of cotton. Textile Colorist 57(683): 772-775, illus. November 1935. (Published at Woolworth Bldg., 233 Broadway, New York, N.Y.)

Greater shrinkage in diameter than in length of fibers is noted.

Yoshida, Usaburo, and Park, Chulchai. Further investigation on the x-ray diffraction pattern of native cellulose. Kyoto Imperial Univ. Col. Sci. Mem. (ser.A) 17(6): [443]-447, illus., table. November 1934. (Published at Kyoto, Japan)

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Technology of Manufacture

[American yarn & processing co.] Improved quality stressed by American yarn & processing co. in modernization move now under way. Textile World 85(12): 2248-2249, illus. November 1935. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.)

The mill equipment is briefly described.

Bleasdale, Robert. "The alteration in spinning technique involved on changing over a cotton mill from shorter staples to Egyptian cottons." Textile Weekly 16(401): 509. Nov. 8, 1935. (Published at 49, Deansgate, Manchester, 3, England)

To be continued.

Crankshaw, W.P. Weaving. 2d ed., 144 pp., illus. London, Sir I. Pitman & sons, ltd., 1935. (Pitman's common commodities and industries)

"Brief account of the processes of weaving."

Fletcher, R. Mule spinning of coarse cotton counts. Textile Manfr. 61(730): 401, table, chart. October 1935. (Published by Emmott & Co. Ltd., 31 King St. West, Manchester, 3, England)

[Howard & Bullough, Ltd.] Saddle weighting. The H. & B. patent "quick release" mechanism. Textile Weekly 16(402): 549,552. Nov.15,1935. (Published at 49, Deansgate, Manchester, 3, England)

The advantages of saddle weighting of drafting rollers are given and its operation is described.

Industrial air conditioning practice. 1st ed. 324pp., illus., tables, charts. Chicago, Keeney Publishing Co., 1934.

"References": pp.53-54.

"The material contained herein and prepared by a number of authorities originally appeared in the pages of Heating, piping and air conditioning."- Pref.

Chapter II. Practical results of air conditioning in textile mills, by James W. Cox, pp.56-60.

Level Moreaux, Pedro. Mistura do algodao. Algodao 2 (9): 11. July 1935. (Published at Cx. Postal 1321, Rio de Janeiro, Brazil)
Cotton mixing.

Nasmith, Frank. Making more of mass production. New designs in textile machinery. Manchester Guardian Com. (World Textiles): 26-28, illus. Oct.4,1935. (Published at the Guardian Bldg., 3 Cross St., Manchester, 3, England)

The year's developments of machinery, including cotton spinning machinery, are reviewed.

Semi-combed and double-carded cotton yarns. Textile Manfr.61(728): 334. August 1935. (Published by Emmott & Co., Ltd., 31 King St. West, Manchester, 3, England)

"According to the current Platt's Bulletin, the substitution of a low combing process instead of the second carding operation is increasing in popularity for the production of the so-called double-carded yarns which are better in quality and appearance than ordinary carded yarns but cheaper than combed yarns." The operation of the new model comb-er and its use are briefly described.

[Southern textile association. Spinners division.] Spinning wins! Textile World 85(12): 2255. November 1935. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.)

Report of meeting of the Southern Textile Association, Spinners Division, at Greenville, S.C., on October 26,1935.

Spindle speeds and yarn tension in ring spinning.

Textile Manfr. 61(730): 417, 418, illus., charts.
October 1935. (Published by Emmott & Co. Ltd.,
31 King St. West, Manchester, 3, England)

"The range of variation in thread tension in ring spinning has been determined by a new instrument. A variable-speed motor and a three-point regulator gives an improved adequate control of spindle speed variation with advantageous results."

Spinning section. New and improved spinning machinery.

Textile Recorder 53(631): 34, illus. Oct. 15, 1935.
(Published at Old Colony House, Manchester, 2, England)

The developments in spinning machinery in the last few years are discussed.

Stockton, R. Some notes on ring spinning. Difficulties with new rings: the builder wheel; roller setting and weighting. Textile Recorder 53(631): [22], 24, illus., chart. Oct. 15, 1935. (Published at Old Colony House, Manchester, 2, England)

"Vincit." Utilizing cotton waste. Rayon and Melland Textile Mo. 16(11): 660-662. November 1935. (Published by Rayon Publishing Corp., 303 Fifth Ave., New York, N.Y.)

The processes used in spinning cotton waste are described.

Winding section. New and improved winding machinery.

Textile Recorder 53(631): 36-37, 39, illus. Oct. 15, 1935. (Published at Old Colony House, Manchester, 2, England)

Technology of Consumption

American society for testing materials. Committee D-13. A.S.T.M. standards on textile materials. 246pp., illus., tables, charts. Philadelphia, American Society for Testing Materials, 1935.

"A reprint from copyrighted Society publications."

Partial contents: Standard methods of testing and tolerances for tire fabrics and other than cord fabrics, pp. 11-14; Tentative definitions and terms relating to textile materials, pp. 15-29; Standard methods of testing and tolerances for tire cord, woven and on cones, pp. 30-39; Standard methods of testing and tolerances for cotton yarns, single and plied, pp. 40-46; Standard methods of testing and tolerances for hose ducks and belt ducks, pp. 47-50; Standard methods of testing and tolerances for electrical cotton yarns,

single or plied, pp.51-56; Standard methods of testing and tolerances for cotton sewing threads, pp.57-60; Standard specifications and methods of test for Osna-burg cement sacks, pp.61-63; Standard specifications for tolerances for numbered cotton duck, pp.64-65; Standard methods of testing and tolerances for knit goods, pp.66-69; Tentative methods of testing and tolerances for silk and cotton tapes, pp.83-85; Standard methods of testing and tolerances for certain light and medium cotton fabrics, pp.86-87; Tentative methods for the identification of fibers in textiles and for the quantitative analysis of textiles, pp.91-103; Standard specifications for 23/5/3 carded American tire cord, pp.104-106; Standard specifications and methods of test for Chafer. tire fabrics, pp.114-119; Standard specifications and methods of test for cotton goods for rubber and pyroxylin coating, pp.120-125; Standard specifications for cotton tape for electrical purposes, pp.126-128; Standard specifications and methods of test for enameling duck for the tire industry, pp.129-131; Standard method of determining relative humidity, pp.132-135; Tentative methods of testing and tolerances for tubular sleeving and braids, pp.136-139; Standard specifications and methods of test for Holland cloth, pp.143-145; Tentative general methods of test for properties of cotton fibers, pp.160-172; Photo-micrographs of common textile fibers (cotton), p.188; Psychrometric table for relative humidity, pp.204-209; Proposed method of test for fastness of dyed or printed cotton fabrics to laundering or domestic washing, pp.212-213; The principle of probability in the evaluation of testing results, by Irving J. Saxl, pp.224-228.

Cotton and rayon. Bedding Manfr.31(4): 26-27. November 1935. (Published by Better Bedding Alliance of America, 608 S.Dearborn St., Chicago, Ill.)

The possibility of using the whole cotton plant to supply cellulose for the manufacture of rayon is considered.

COTTONSEED AND COTTONSEED PRODUCTS

Again cooking the goose that lays the golden egg. Cotton oil miller and grower again being taxed out of their spending ability. Cotton Oil Press 19(6): 23. October 1935. (Published by Interstate Publishing Co., Inc., Cotton Exchange Bldg., Memphis, Tenn.)

The text of a bill recently introduced in Texas to increase the tax on oleomargarine.

Faria, Carlos. O efeito da humidade sobre a conservacao da semente do algodao. Algodao 2(9): 9-10, chart. July 1935. (Published at X. Postal 1321, Rio de Janeiro, Brazil)
The effect of humidity on the preservation of cottonseed.

Faure, H.M.F. The development of the international economic position as affecting the oil and fat markets since last year's Congress, and the further outlook. 11pp. London, Faure, Blattman & Co., [1935]

"Paper read at the International Congress of Oil Crushers in Brussels, 4, 5 and 6 June, 1935."
Cottonseed oil is included.

Freyer, Egbert. A rapid visual method for estimating the amount of lint on cottonseed. Oil & Soap 12(11): 259-262, illus., tables, chart. November 1935. (Published by the Gillette Publishing Co., 400 W. Madison St., Chicago, Ill.)

Harmon, S.M. The National cottonseed products association. Cotton Oil Press 19(6): 9-10. October 1935. (Published by Interstate Publishing Co., Inc., Cotton Exchange Bldg., Memphis, Tenn.)

The aims and possible activities of the National Cottonseed Products Association are discussed.

Also in Oil Miller and Cotton Ginner 47(3): 10. November 1935.

Heywang, B.W. Cottonseed hulls for nesting material. Poultry Sci. 14(5): 279, table. September 1935. (Published at 450 Ahnaip St., Menasha, Wis.)

Experiments on the hatchability of eggs in cottonseed hull nests are described, and the results are given.

The International cottonseed products directory. A list of cottonseed and peanut oil mills, cottonseed and other vegetable oil refineries, cottonseed products brokers, dealers, exporters and importers; cottonseed oil futures brokers, linter dealers and brokers, oleomargarine manufacturers, soap manufacturers, mattress and felt and batting manufacturers, leading cotton mills, analytical chemists, cottonseed oil shortening plants, fertilizer manufacturers, mixed feed manufacturers, paper mills, cotton compresses, bag and bagging manufacturers, linseed oil mills, machinery and supplies manufacturers and dealers, rules of the various exchanges governing transactions for future delivery of cottonseed oil, and tables and statistics of

value to the trade. 1935-1936. 307+295 pp., tables.
Dallas, Tex., Ginner & Miller Publishing Co., [1935]
At head of title; Volume XXI.

I.C.C. holds rate hearing at Fort Worth, Texas. Cotton
and Cotton Oil Press 36(44): 11. Nov. 2, 1935. (Pub-
lished by Ginner & Miller Publishing Co., 3116-3118
Commerce St., Dallas, Tex.)

Brief report of the hearing before I.C.C. examiner,
Howard Hosmer, on October 29 and 30, in Fort Worth,
Texas, "to determine whether or not the extremely
low freight rate on soybean cake and meal from Illinois
and Iowa to the Pacific Coast will be permanently suspend-
ed" as discriminatory against cottonseed.

Mayfield, L.L. Report of the seed analysis committee.
Oil & Soap 12(11): 262-263. November 1935. (Pub-
lished by the Gillette Publishing Co., 400 W. Madison
St., Chicago, Ill.)

Subjects studied by the Committee during the year
are briefly discussed and tentative conclusions are
given.

[National cottonseed products association, inc. Educa-
tional service division] The inside story of a cotton
boll. Natl. Cottonseed Prod. Assoc., Inc., Ed.
Serv. Div. Bull. 11, 24 pp., illus., chart. Dallas,
[1935?]

Uses of cottonseed, with particular reference to
uses as feed, are discussed.

Oliver, R.S. Exhibit of cottonseed and its products.
Cotton and Cotton Oil Press 36(46): 5. Nov. 16,
1935. (Published by Ginner & Miller Publishing
Co., 3116-3118 Commerce St., Dallas, Tex.)

"The exhibit of the North Carolina Division of
the National Association at the recent 1935 North
Carolina State Fair, showing the many uses of prod-
ucts made from cottonseed," is described.

Patterson, C.D. A cottonseed crash predicted. Oil
Miller and Cotton Ginner 47(3): 5. November 1935.
(Published at 161 Spring St., N.E., Atlanta, Ga.)

Legislation to protect the cottonseed oil in-
dustry is advocated.

Richardson, T.C. Cottonseed a farm asset. Why sell
all the fertility from the cotton patch? Farm
and Ranch 54(22): 3, 32, illus. Nov. 15, 1935. (Pub-
lished at 3306 Main St., Dallas, Tex.)

The article quotes from a summary by J.H. Jones
of feeding experiments conducted at Texas agricul-
tural experiment stations and sub-stations.

Texas cottonseed oil mills. Tex. Weekly 11(46): 8-9.
Nov. 16, 1935. (Published at Dallas Athletic Club
Bldg., Dallas, Tex.)

"Cotton oil mills have had no small part in
raising cottonseed to its place as the second larg-
est cash crop for Texas farmers."

Todd, J.A. The uses of cotton seed. Empire Cotton
Growing Rev. 12(4): 278-285, tables. October 1935.
(Published by P. S. King & Son, Ltd., 14, Great Smith
St., London, S.W. 1, England)

The processes of manufacture of cottonseed for
various products and uses are briefly described,
and the competitive relation of cottonseed oil to
other oils and fats in the market is brought out.

LEGISLATION, REGULATION, AND ADJUDICATION

Adams, Orville. "Shall we soon eat bread." Bankhead
act now in United States Supreme Court. Cotton
and Cotton Oil Press 36(45): [3]-4. Nov. 9, 1935.
(Published by Ginner & Miller Publishing Co., 3116-
3118 Commerce St., Dallas, Tex.)

The author discusses "the brief and argument of
Messrs. Ralph W. Malone, George E. Seay and Henry
Moore, Jr. ... in the case of Lee Moor vs. Texas
and New Orleans Railroad Company, now in the Supreme
Court challenging the validity of the Bankhead Act."
Extracts from the brief are given.

Agricultural adjustment act--processing tax--floor
stocks tax--constitutionality--want of power in
Congress to regulate production of agricultural
products--commerce clause--Delegation of legisla-
tive power. U.S. Law Week 2(47): 12. July 23,
1935. (Published by Bureau of National Affairs,
Inc., Washington, D.C.)

Extracts from the decision of Judge J. Wilson
in the case of "Butler et al., Recievers of Hoosac
Mills Corp. v. United States; C.C.A. 1, no. 3018,
July 13, 1935."

Briggs, F.A. Cotton program for 1936. Farm and
Ranch 54(21): 14, 32. Nov. 1, 1935. (Published
at 3306 Main St., Dallas, Tex.)

The probability that the Government's cotton
adjustment program will be continued is discussed.

Clayton, W.L. The Southwest's stake in cotton.
Cotton Digest 8(6): 4-6. Nov. 16, 1935. (Published
at 702 Cotton Exchange Bldg., Houston, Tex.)

The author reviews the present cotton situa-
tion with special reference to government policies.

- Davis, C.C. Credits and debits of the cotton program. Farm and Ranch 54(20): 21. Oct. 15, 1935. (Published at 3306 Main St., Dallas, Tex.)

The author discusses recent increased production in Brazil and increased returns to American farmers under the Agricultural Adjustment Administration.

- En el Paraguay se establecen campos de experimentos y viveros. Gaceta Algodonera 11(140): 27. Sept. 30, 1935. (Published at Reconquista 331, Casilla Correo 550, Buenos Aires, Argentina)

Fields for experiments and tree nurseries have been established in Paraguay.

The text of the law establishing experiment stations for cotton is given.

- [Fisher, R.T.] Report of N.A.C.M. secretary. Amer. Wool. & Cotton Repr. 49(43): 25-26. Oct. 24, 1935. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.)

Extracts from the report of the secretary of the National Association of Cotton Manufacturers at the annual session in Boston, the week of October 14, referring to recent legislation affecting the textile industry, such as NRA, AAA, and the proposed Ellenbogen bill to control the textile industry.

- Grant of protection to the Indian cotton textile industry. Indian Trade Jour. 118(1526): 1322-1323. Sept. 19, 1935. (Published by Department of Commercial Intelligence and Statistics, 1, Council House St., Calcutta, India)

The terms of the agreement between the British Textile Mission to India and Bombay Millowners' Association drawn up in 1933 are given. An enquiry as to the necessity for extending the agreement beyond December 31, 1935, to be conducted by a Special Tariff Board, is announced.

- L., W.W. Limitation of Japanese cotton cloth exports to P.I. Far East. Survey 4(22): 179-180. Nov. 6, 1935. (Published by the American Council, Institute of Pacific Relations, 129 East 52nd St., New York, N.Y.)

The "agreement between the United States and Japan establishing a quota on Japanese cotton piece goods exports to the Philippine Islands... announced on October 12 by the Department of State" is discussed.

Processing tax suits. U.S. Law Week 2(44, sect.1); 1, 11-12. July 2, 1935. (Published by Bureau of National Affairs, Inc., Washington, D.C.)

The three types of suits pending are described.

Rogers, C.L. Cotton and cotton policy. Conf.Ed. Bull. 9(6): 41-44. June 10, 1935. (Published by the National Industrial Conference Board, Inc., 247 Park Ave., New York, N.Y.)

Discusses the situation in the domestic cotton industry which "has become progressively worse during the past few months" and which has its origin in the high prices and crop expansion which existed during the war and post-war years; the attempts of the Federal Farm Board and the Agricultural Adjustment Administration to remedy the situation; competition from other countries and from other textiles; and the possibilities of losing our world market.

The writer concludes as follows:

"To the extent that the present policies of the AAA are temporary, it is probable that little lasting damage will be done to foreign markets for American cotton. There is always danger, however, that a program started as an emergency measure will, as new problems arise, take on a permanence that was not originally intended. Should this occur in the case of the cotton industry, new problems seem destined to arise that will be even more serious than those which the government has been seeking to solve."

Se estableció una reglamentación oficial para el tránsito de semillas de algodón. Gaceta Algodonera 11 (140): 21. Sept. 30, 1935. (Published at Reconquista 331, Casilla Correo 550, Buenos Aires, Argentina)

An official regulation has been enacted for the transportation of cotton seed.

The text of this decree to prevent the spread of insect pests from El Chaco to new regions is quoted.

Status of processing taxes. Farm and Ranch 54(19): 12. Oct. 1, 1935. (Published at 3306 Main St., Dallas, Tex.)

The effect of the amendments to the Agricultural Adjustment Act on pending injunctions and law suits enjoining the collection of processing taxes is discussed.

Switzerland. Reduction of duty on certain unbleached cotton yarn. Indian Trade Jour. 119(1528): 17. Oct. 3, 1935. (Published by the Department of Commercial Intelligence and Statistics, 1, Council House St., Calcutta, India)

"The Swiss 'Zollnachrichten' of August 24, reports the reduction in the import duty, on unbleached cotton yarn, single No.105 (ex Tariff No.348) from 30 to 3 francs per 100 kilogrammes gross if the importer furnishes proof of purchases of similar yarn from home sources."

Tax calculator...Rate .0545. Cotton and Cotton Oil Press 36(44): 8-9, table. Nov.2,1935. (Published by Ginner & Miller Publishing Co., 3116-3118 Commerce St., Dallas, Tex.)

Table shows amount of tax payable under the present federal tax rate on each pound of cotton from 1 to 600 inclusive.

United States Department of agriculture. [Agricultural adjustment administration. Division of cotton] Amendments to the 1935 regulations pertaining to allotments and tax-exemption certificates under the Cotton act of April 21,1934. U.S.Dept.Agr.,Agr.Adjustment Admin., Div.Cotton, B.A.219, Amendment 8, 2pp., Washington, D.C. 1935.

MISCELLANEOUS--GENERAL

O algodao. Mozambique. Serviços de Agricultura e Veterinária, Boletim Agrícola e Pecuário 1933 (1-4): 93-108, illus. 1934. (Published at Lourenço Marques, Mozambique)

Cotton.

"A description is given of the cotton industry of Mozambique. Economic conditions and planting practice are dealt with."- Internatl. Inst.Agr. Bibliog.Trop.Agr.1934. 1935.

Balls, W.L. Giza. Empire Cotton Growing Rev.12(4): 286-296, illus. October 1935. (Published by P.S. King & Son, Ltd., 14, Great Smith St., London, S.W.I. England)

The work of the Cotton Research Board at Giza, Egypt, is described.

Abstract in Textile Manfr.61(730): 400. October 1935.

[India. Indian central cotton committee. Publicity officer] The Indian central cotton committee. Its objects, activities and achievements. 2d ed. 27pp., illus. [Bombay, G.Claridge & Co., Ltd., 1935?]

[International federation of master cotton spinners' and manufacturers' associations. International cotton committee] Meeting of the International cotton committee, Brussels, September 30th, 1935.

Internatl. Cotton Bull.14(53); 1-3. October 1935. (Published at 26 Cross St., Manchester, 2, England)

Jacobs, W.P. The pioneer. 126pp.,illus. Clinton, S.C., Jacobs & Co. Press, 1935.

The author presents a brief biography of Captain Ellison Adger Smyth and some of his experiences as president of a southern cotton mill. Brief biographies of the following textile leaders are also given: Dexter Edgar Converse, Leroy Springs, Lewis W. Parker, Daniel Augustus Tompkins, William Edgeworth Beattie, Edwin Michael Holt, James W. Cannon, John Henry Montgomery, Fuller E. Callaway, William Allan Erwin, Henry Pinckney Hammett, James Lawrence Orr, jr., Moses H. and Ceasar Cone, Braxton Bragg Comer.

South Carolina. Commissioner of agriculture, commerce, and industries. Labor division. Factory inspection and manufacturing statistics. 60 pp., tables. [Columbia, S.C.]. Printed under the direction of the Joint committee on printing, General Assembly of South Carolina, [1935?]

Tables include: Directory of cotton, silk, woolen mills and other textile industries, pp.8-14; Comparison of textile statistics compiled from schedule reports, August, 1932, 1933 and 1934, p.15; Comparison of statistics compiled from textile reports (August, 1934) Form 22, p.16; Textiles by counties 1934 from schedule reports, p.17; Textile summary 1934 by counties from textile reports, form 22--August, 1934, pp.18-19; Directory of cotton seed oil mills--by counties--1934, p.21; Cotton seed oil mills by counties 1934--from schedule reports, p.22; Comparison of cotton seed oil mill statistics, 1932, 1933 and 1934, p.23.

Textile yearbook and consolidated catalogs, 1935. 13th year. 425 pp., illus., tables, charts. New York, McGraw-Hill Publishing Co., Inc., 1935.

Contents: Technical survey, pp.6-11; New equipment, pp.12-21; Mill reference data, pp.22-49; Textile standards directory, pp.50-55; Statistical data, pp.56-58; Directory of associations, p.59; Textile bibliography, pp.60-67; Index to "Textile World" for 1934, pp.68-73; Catalogs of textile machinery, equipment and supplies, pp.74-340; Index of machinery equipment and supply manufacturers, pp.341-352; Buyers guide of textile machinery, equipment and supplies, pp.353-408; Buyers guide of textile chemicals, pp.410-425.

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farm products. U. S. Dept. Agr. Circ. 8, 55pp., illus., tables. Washington, D. C. 1927, rev. 1935.

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The work of the Bureau relating to cotton is included in the report.

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Partial contents: Insects and pests (cotton), pp. 3, 53; The cotton industry, pp. 42, 53; Cotton selection, pp. 42-43, 52; Exports of cotton, p. 45; Purchasing of peasants' cotton and government ginnery, p. 56.

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